Amendments to the Specification

Please replace the title of the specification with the following title "Flow Control Method of Data Service Transmission in SDH Network".

Please replace paragraph 13 with the following replacement paragraph:

[0013] C. Said opposite device demapping the SDH payload, and the EoS processing device identifying said LFP frames and ~~phrasing~~ interpreting and executing flow control information in the LFP frames.

Please replace paragraph 25 with the following replacement paragraph:

[0025] As shown in **FIG. 2,** in the uplink direction, i.e., the system direction, e.g., the direction of EoS#A-SDH network in **FIG. 2,** take an example for EoS#A, the EoS processing device, according to the lower/upper threshold of frame cache (reflecting utilization of cache), will generate LFP frames, the control field of which is 0x0FFFFH or 0x0H; said LFP frames are processed as common Ethernet data frames in the mapping part of the EoS processing device; however, to enhance the performance of LFP, the priority is given to the LFP frames to send to the mapping part of the EoS processing device; in the downlink direction i.e., the direction to user device, e.g., the direction of SDH-EoS#B in **FIG. 2,** the EoS processing device identifies the LFP frames; if the LFP frames are detected, it ~~explains~~ interprets and executes the flow-control information carried in said LFP frames.

Please replace paragraph 27 with the following replacement paragraph:

[0027] 1. LFP transparent: This way is suitable for the case in which the network delay is small and the distance between two sites is short. In this way, the EoS device B will ~~phrase~~ interpret and execute the LFP frames according to the characteristic of the data device (full duplex or half duplex) attached to it.

Please replace paragraph 28 with the following replacement paragraph:

[0028] If the user device B attached to the EoS device B works in full duplex mode, the LFP frames will not be ~~phrased~~interpreted, instead, the LFP frames will be directly transferred to the user data device B; the detailed process is: if the decapsulating part B isn't sending data to the Ethernet access part BR, it will send the LFP frames immediately to the Ethernet access part BR; otherwise it will send the LFP frames immediately after the current Ethernet data is sent, in this case, the LFP frames will not pass through cache B in order to enhance its performance.

Please replace paragraph 29 with the following replacement paragraph:

[0029] If the user data device B attached to the EoS device B works in half duplex mode, the control field of the LFP frames should be ~~phrased~~interpreted, i.e., if it is 0x0H, the back pressure control signal will be canceled; otherwise the back pressure control signal will be sent to make the user device B attached to EOS#B detect a conflict and thus stop transmitting Ethernet data to the EoS device B.

Please replace paragraph 30 with the following replacement paragraph:

[0030] 2. LFP Regeneration: The EoS device B ~~phrases~~ interprets and executes the LFP frames; if the control field of the LFP frames is not 0x0H, i.e., the EoS device is disabled from sending data, the encapsulating part will stop working, i.e., it stops receiving data from Ethernet access part BT; ~~hower~~however, if the EoS B device itself generates LFP frames at this time, the encapsulating part B still forwards the LFP frames to the mapping part B, i.e., in any cases, the LFP frames shall be forwarded to the mapping part via the encapsulating part. Thus the data from Ethernet access part BT will stack up at the encapsulating part B and will finally cause the user device B stopping sending Ethernet frames according to 802.3x Ethernet flow control protocol, i.e., no data will be transmitted to BT; if the control field of the LFP frames is 0x0H, i.e., the EoS device is enabled to send data, the encapsulating part B will work normally, and encapsulate and send Ethernet frames from the Ethernet access part BT to the mapping part B.

Please replace paragraph 32 with the following replacement paragraph:

[0032] After the user device B attached to EOS#B stops sending data to EOS#B, i.e., there is no Ethernet frame input at BT, the data volume in cache A of EOS#A will be reduced gradually; when the data volume reaches to the lower threshold, the decapsulating part A will generate LFP frames, the control field of which is 0x0H; said LFP frames are given the priority to send to the decapsulating part B in EOS#B and is ~~phrased~~ interpreted and executed; as a result, the user device B attached to EOS#B will send data again.